INFORMATION ONLY

ROUTINE MAINTENANCE

ACTION REQUIRED

IMMEDIATE ACTION REQUIRED
(FIELD CAMPAIGN)

Bulletin No.
3A-05

FIELD SERVICE BULLETIN

REVISED 3A

Subject: Carburetor Update - Pre MCI

Date: 11/29/2005

Units Affected:

MPT 800
COMMANDER 280
HAULER 800
INDUSTRIAL 800
WORKHORSE 800
TXT 2+2
TXT Gas
TXT Freedom
TXT Freedom HP

Serial No. Range: 1451059 - 2154517 (Manufacture date 01/16/ 2002 - 11/02/03 see control cards)

Issue #1: Fuel migration from carburetor

MANUFACTURER CHANGES

Resolution#1: New vehicles produced will have recommended parts installed at time of manufacturing.

FIELD MODIFICATIONS: See attached procedures. If any questions should arise please call 1-800-241-5855 EXT. 4558.

* Kits will be provided at no charge based on information from the control cards. Corrections should be submitted to ensure proper kit distribution. (Corrections should be submitted to: gascar@textron.com or faxed to: 1-800-448-8124)

NOTE

Read and understand the following text and warnings before attempting installation.

⚠ WARNING ⚠

To prevent an ignition spark which could ignite gasoline from the fuel system and result in personal injury, the negative battery cable must be removed from battery.

Wrap wrenches with vinyl tape to prevent the possibility of a dropped wrench from 'shorting out' a battery, which could result in an explosion and severe personal injury.

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AIR FILTER/ENGINE INSPECTION CHECKLIST

⚠ WARNING ⚠

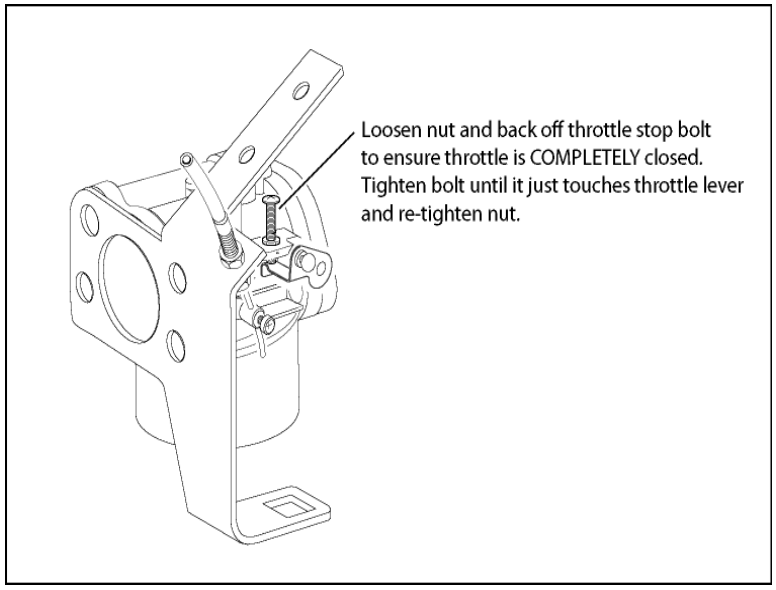
Turn key to off and remove the negative (-) battery cable at the battery to prevent the vehicle moving and the possible personal injury that may result.

1. Inspect governor / throttle system, repair or replace as required:
    a. Inspect governor / throttle system to assure it has not been tampered with. If tampering has occurred, reset or replace as required to factory specifications.
    b. Inspect governor cable to assure free travel without sticking
    c. Inspect pedal box micro-switch to assure proper timing

Proper Micro Switch Adjustment

When the system is in correct adjustment, the micro switch in the accelerator pedal box will click when the top of the accelerator pedal moves approximately 1/2" - 5/8" (13 - 16 mm). The accelerator cable (as seen at the rear axle) should have some slack present and not show any movement until after the micro switch clicks.

    d. Inspect throttle stop for proper closing


Loosen nut and back off throttle stop bolt
to ensure throttle is COMPLETELY closed.
Tighten bolt until it just touches throttle lever
and re-tighten nut.

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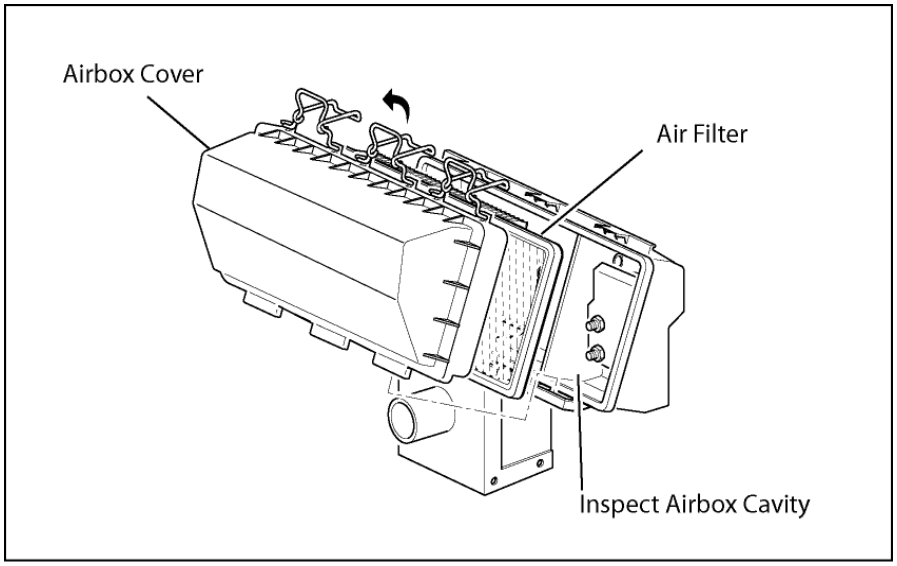
2. Remove and inspect airbox cover. Replace with OEM parts if any of the following conditions exist:
    a. Excessive warpage along sealing edge

Airbox Cover Inspection

Check the contact pattern on the filter element for any signs of warpage or improper sealing between the airbox cover and the filter element. A leak path of dirt and/or grime indicates a poor seal and the need to replace the airbox cover and filter element. Non-E-Z-GO aftermarket filters are often made of inferior sealing and surface materials.

    b. Cracks
    c. Broken or missing latches



3. Remove and inspect Air Filter, replace as required:
    a. Look for presence of excessive dirt
    b. Use only original E-Z-GO filter

4. Inspect airbox cavity directly in front of carburetor for evidence of melting or warping. If these conditions exist, replace with OEM parts and proceed with carburetor replacement as stated in this bulletin.

FIELD SERVICE BULLETIN

Subject: Pre-MCI Engine modification

NOTE: REFERENCE PART NO. 603913

NOTE

Read and understand the following text and warnings before attempting installation.

⚠ WARNING ⚠

To prevent an ignition spark which could ignite gasoline from the fuel system and result in personal injury, the negative battery cable must be removed from battery.

Wrap wrenches with vinyl tape to prevent the possibility of a dropped wrench from 'shorting out' a battery, which could result in an explosion and severe personal injury.

A. Carburetor Removal (See Fig. 1)

1. To prevent an ignition spark which could result in personal injury, the negative battery cable must be removed from battery. Wrap wrenches with vinyl tape to prevent the possibility of a dropped wrench from 'shorting out' a battery. Cover the battery with a cloth or piece of old floormat to prevent the possibility of 'shorting out' from contact with other metal objects.
2. Disconnect the solid linkage (8) from the carburetor throttle lever. Remove the choke cable (9) from the choke lever swivel (10) on carburetor.
3. Unsnap the three retaining clips (1) securing the cover (2) to the air box (3). Remove the cover and remove the air filter element (4). Remove the hardware (11) connecting the airbox to the coil bracket mount. Retain hardware for later use in reassembly.
4. Remove the PCV valve hose (5) from the rear of the air box.
5. Remove the two flanged nuts (12) securing the carburetor baffle and remove them both from the airbox.
6. Remove the two nuts (12), lock washers (13) and flanged bolts (14) securing the airbox to the carburetor. Retain the hardware for reassembly. Remove the air filter housing. Disconnect the fuel line (6) from the carburetor (7) and plug the fuel line.
7. Remove the choke bracket (15) and gaskets and slide the carburetor from the engine studs.
8. Remove the remaining carburetor insulators and gaskets from the engine.

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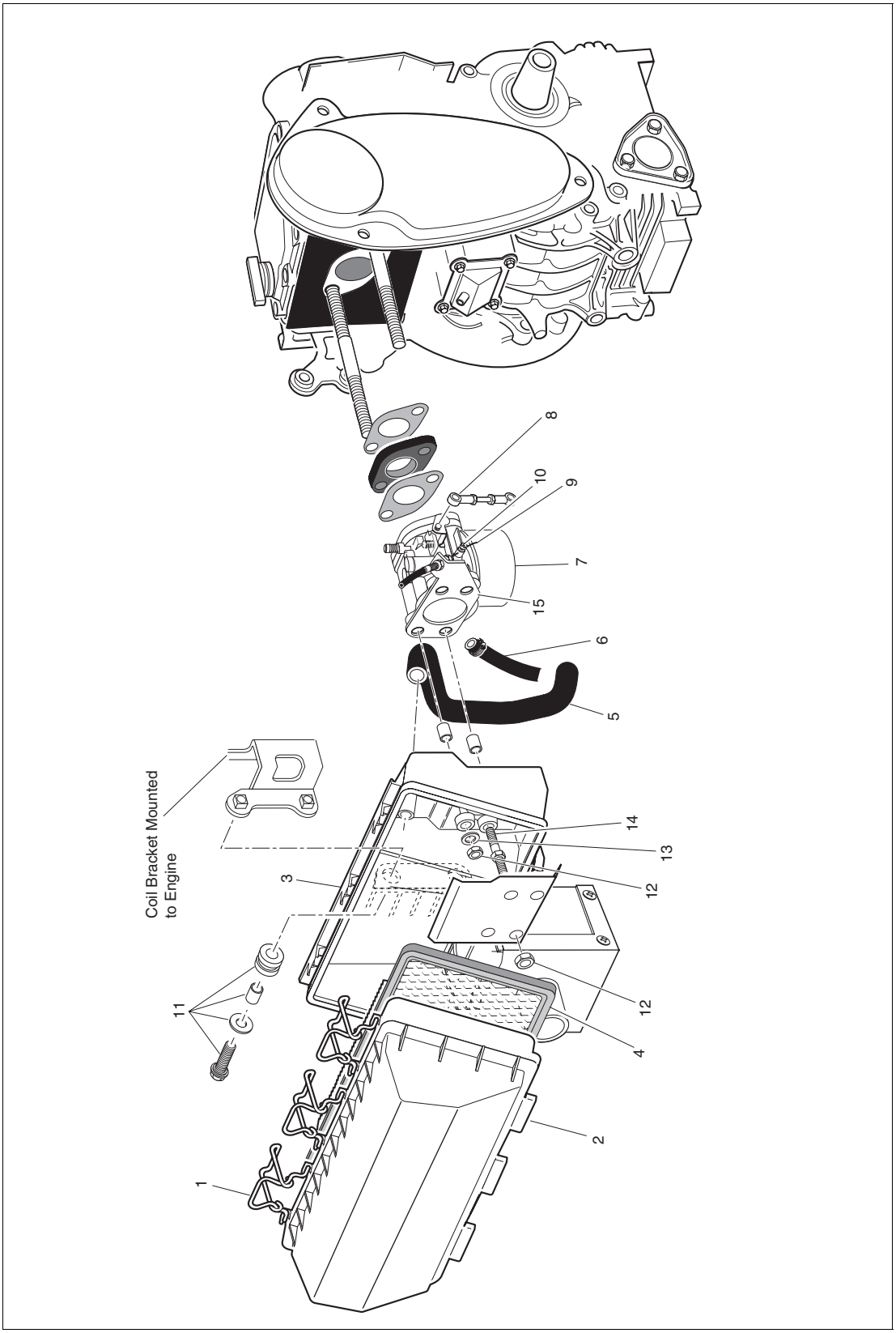

Fig. 1 Carburetor Removal

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B. Carburetor Installation (See Figure 2 and Figure 3)

⚠ CAUTION ⚠ **Do not let the carburetor vent hose become clogged or kinked. Engine heat will cause the fuel in the carburetor bowl to expand and may result in fuel being expelled from the carburetor if unable to vent through the vent tube.**

1. Remove existing carburetor studs and replace with the new studs (1-NEW). Tighten new studs to 35 - 43 in. lbs. (4 - 5 Nm) torque.
2. Install new insulators (3-NEW & 4-NEW) and new gaskets (2-NEW) to ensure sealing of carburetor system in all locations. See Figure 2 for proper sequence and placement.
3. Install new carburetor shield (5-NEW), new carburetor (6-NEW) and new gaskets (2-NEW & 7-NEW).
4. Reinstall existing choke bracket and use new gasket (7-NEW).
5. Reconnect the fuel line and tighten clamp securely. Make sure the fuel line clamp **does not interfere or crimp** the two vent hoses on each side of the fuel line. See Figure 3.
6. If gray vent hose is loose, replace with new carburetor kit.
7. Replace air filter assembly in reverse order of disassembly.
8. Tighten hardware in airbox to 50 - 70 in. lbs. (6 - 8 Nm) torque.
9. Reconnect the throttle cable linkage and choke cable, throttle cable linkage must be adjusted to fit to the repositioned throttle lever location.
10. Reconnect the PCV valve hose to the rear of the airbox. See Figure 3 for correct location.
11. Using the coil bracket adapter (8-new), remount the coil bracket mount to the airbox. Use new bolts (9-NEW) to attach the adapter to the coil bracket. Use the existing hardware to attach mount to the airbox.
12. Reconnect the negative battery cable to the battery.
13. Test drive the vehicle and confirm that the factory recommended governed speed is achieved. If the speed is not within the specified speed range, stop the vehicle and adjust as described in the repair and service manual.
14. Return unit to service.

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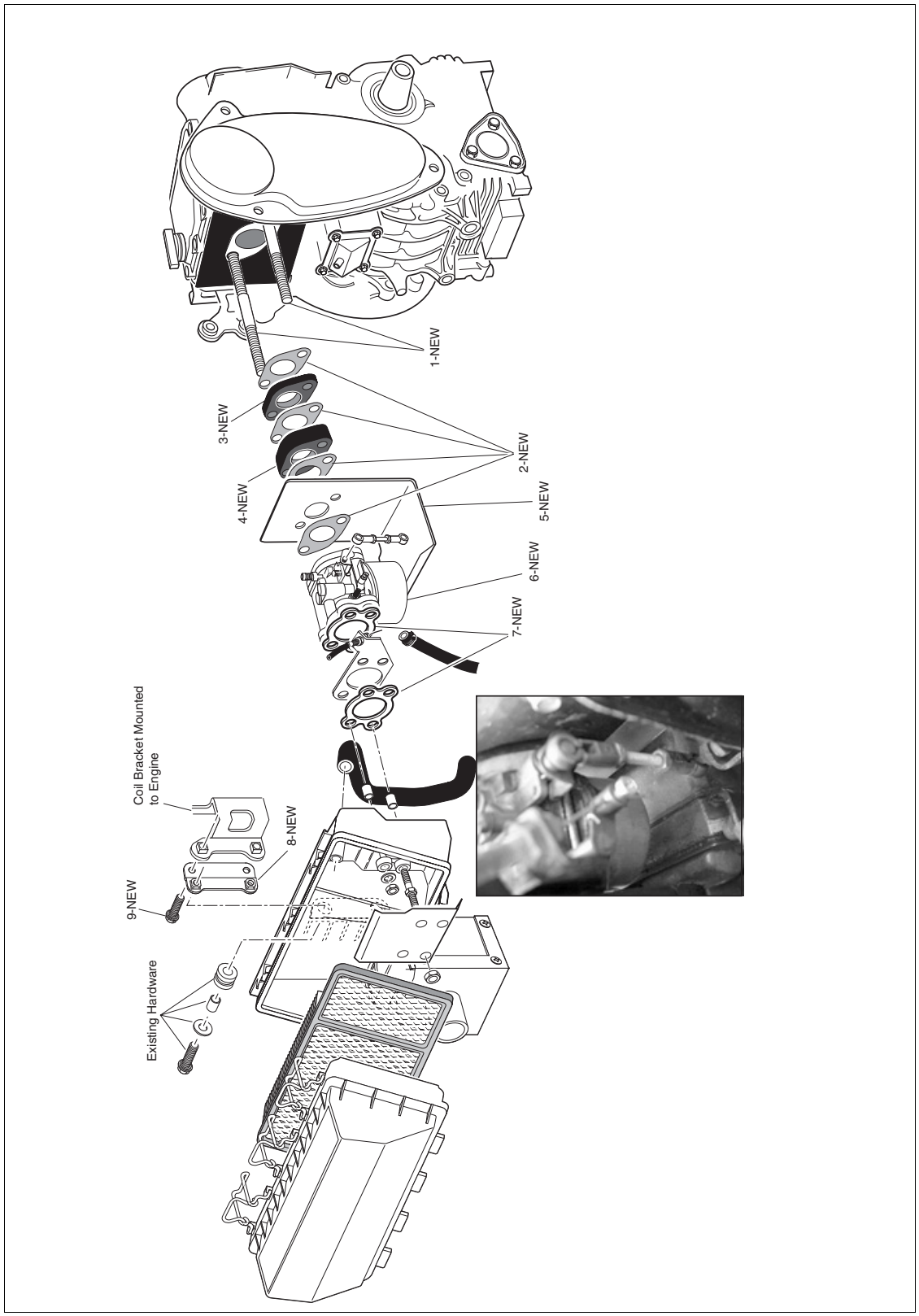

Fig. 2 Carburetor Installation Update

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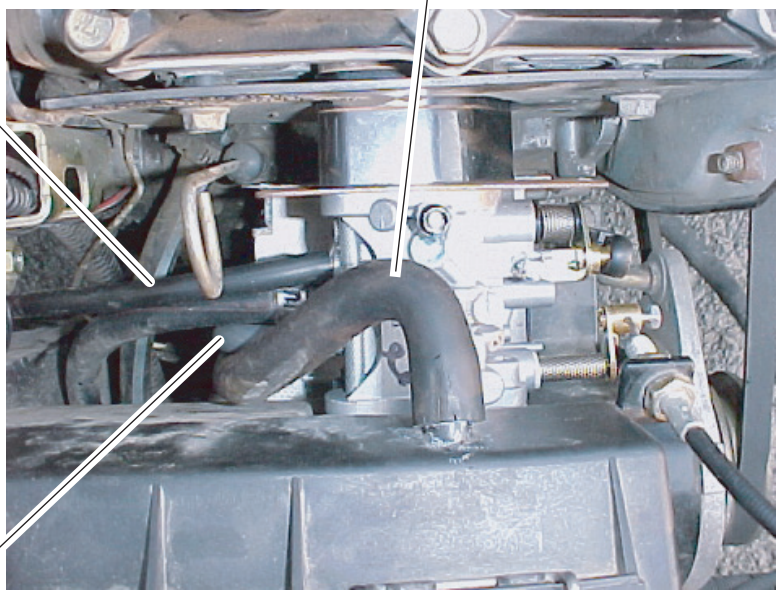
PCV Valve Hose

Ensure this hose is routed as shown.

Black Hose

Position hose to angle away from carburetor, DO NOT position hose downward or allow any kink in the vent hose.



Gray Hose

Ensure this hose is positioned as shown, DO NOT allow any kink in the vent hose.

Fig. 3 Carburetor Vent Hose Installation

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Tools:	*Tool*	*Qty. Required*
	Socket, 10 mm deep well, 3/8" drive	1
	Ratchet, 3/8" drive	1
	Nut driver, 1/4"	1
	Parallel jaw pliers	1
	Straight blade screwdriver	1
	Phillips screwdriver	1
	Open end wrench, 9/16"	1
	Open end wrench, 3/8"	1
	Torque wrench, 3/8" drive, in. lbs.	1
	Open end wrench, 1/2"	1
	Riverter	1
	Drill	1

PARTS INCLUDED IN KIT:

Item #	Parts Required	Description	Qty
1-NEW	603911	Carburetor Stud	2
2-NEW	26726G01	Gasket	4
3-NEW	72883G01	Carburetor Insulator	1
4-NEW	72854G01	Carburetor Insulator (thick)	1
5-NEW	603871	Carburetor Shield	1
6-NEW	603901	Carburetor	1
7-NEW	26727G01	Choke Plate Gasket	2
8-NEW	603910	Bracket Adapter	1
9-NEW	72870G01	Flanged Bolt	2

SEE UNITS AFFECTED

- [ ] REPAIR AS REQUIRED ONLY
- [ ] INSPECT, REPORT & REPAIR AS REQUIRED
- [x] REPAIR & REPORT BY CONTROL CARD
- [ ] LIMITATIONS:

Control Cards Attached:	[x] Yes	[ ] No
Standard Warranty Applies:	[x] Yes	[ ] No (* see below)
Information Only	[ ] Yes	
Parts Ordering Process:	See NOTES below.	

Labor: 18 MIN.

Mileage: .50 /Mile (Round trip mileage to be documented on claim)

Claims paid on receipt of control cards	[x] Yes	[ ] N/A

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